

Exhibit 3 FCC REQUIRED INFORMATION

The following information is presented in the content and format requested by the FCC:

Section 2.1033 (c)(1):

The full name and mailing address of the manufacturer of the device and the applicant for certification.

Manufacturer: **Alcatel-Lucent USA Inc.**
Building 28-114H
600-700 Mountain Avenue, P.O. Box 636
New Providence, 07974-0636
Attention: Rudolf J Pillmeier

Applicant: **Alcatel-Lucent USA Inc.**
Building 28-114H
600-700 Mountain Avenue, P.O. Box 636
New Providence, 07974-0636
Attention: Rudolf J Pillmeier
Phone: 908 582 2810
email: Rudy.Pillmeier@alcatel-lucent.com

Alcatel-Lucent USA Inc. will be the manufacturer of this product. The **AS5BBTRX-21** will only be marketed under the Alcatel-Lucent trademark.

Section 2.1033(c)(2): FCC Identifier: **AS5BBTRX-21**

Section 2.1033(c)(4): Type or types of emission: **5M00F9W**
This designator is requested for authorization of 5 MHz bandwidth LTE Transmission

This Transceiver System supports multiple LTE and other technologies. The subject of this certification request for operation using the Long Term Evolution modulation format (LTE) for a 5 MHz emission bandwidth carrier (5M00F9W). The transceiver can be configured for the various technologies by varying the digital information provided from the baseband channel electronics alone without physical, hardware or circuit changes to the transceiver.

Section 2.1033(c)(5): Frequency range, Transmit: **1930–1990 MHz PCS Blocks A-D-B-E-F-C**

Section 2.1033(c)(6): Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power.

The Alcatel-Lucent's **PCS LTE 9764 Metro Cell Outdoor Transceiver System** FCC ID: **AS5BBTRX-21** is capable of producing continuous 5 MHz emission bandwidth RF carriers (5M00F9W) at a mean power level which range from:

0.02 W up to 2W maximum (+33.0 dBm) at each of its two antenna transmit terminals.

The carrier output power level of the **PCS LTE 9764 Metro Cell Outdoor Transceiver System** is adjustable digitally over a 20 dB range. The transmit filters provides RF feedback to the transceivers in the form of CLGC (Closed Loop Gain Control) and Alcatel-Lucent's proprietary Enhanced Digital Pre-Distortion (EDPD) technology to provide constant output power over temperature. The features are controlled by software.

Exhibit 3 FCC REQUIRED INFORMATION *continued*

Section 2.1033(c)(7): Maximum power rating as defined in the applicable part (s) of the rules.

The maximum continuous RF output power available at each of the two antenna transmit terminals is 2 W (+33.0 dBm).

Section 2.1033 (c)(10): A description of all circuitry and devices for determining and stabilizing frequency.

The Alcatel-Lucent's **PCS LTE 9764 Metro Cell Outdoor Transceiver System FCC ID: AS5BBTRX-21** is a 20 MHz bandwidth digital transceiver designed to operate in the Broadband PCS frequency spectrum. This application specifically addresses the transceiver utilizing a 5 MHz carrier emission bandwidth LTE signal. Frequency stability of the LTE carrier frequency is achieved with an accuracy better than the rated ± 0.05 ppm by reference frequency locking using a proprietary phase-locked-loop (PLL) circuitry. External reference timing is provided by locking to GPS disciplined reference signals.

The 9764 MCO LTE module contains a GPS integrated module providing phase synchronization. As a hardware variant, the 9764 MCO LTE module can be configured with a GPS connector on the back which can be used to connect an optional external GPS antenna.

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